

OPTICAL ANALYZERS OF POLARIZATION PROPERTIES**ABSTRACT OF THE DISCLOSURE**

A passive optical system substantially simultaneously separates light received at an optical input into three or more output light beams on optical outputs. The
5 output light beams may have intensities that are proportional to intensities of optical projections of the received light onto three or more basis vectors of a tetrahedral basis set of a Stokes space. The system includes either multiple partial polarization splitters or multiple optical interferometers.